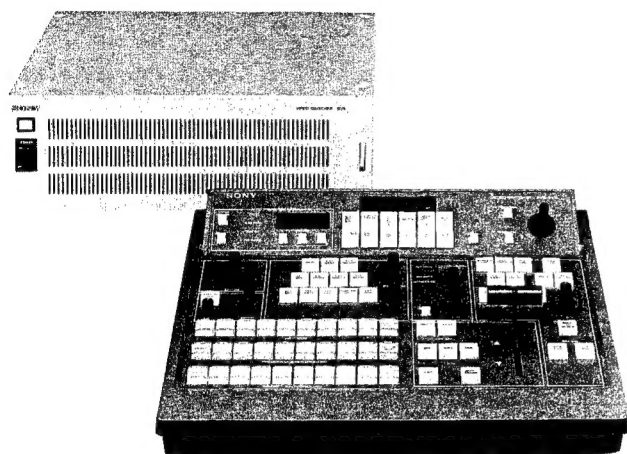


SONY.

VIDEO SWITCHER

BVS-3100P



MAINTENANCE MANUAL
Volume 1 1st Edition (Revised 3)
Serial No.10001 and Higher

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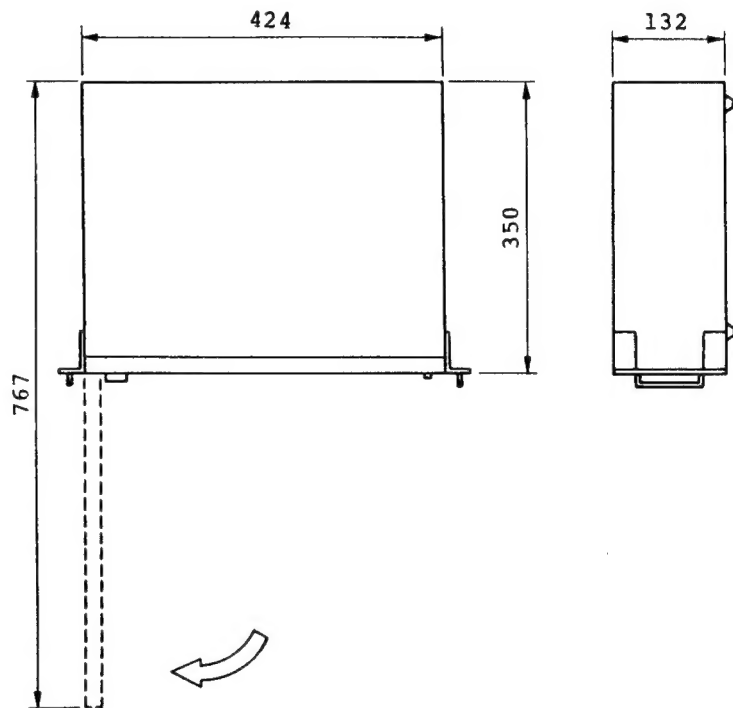
SECTION 1 INSTALLATION

1-1. ENVIRONMENTAL REQUIREMENTS

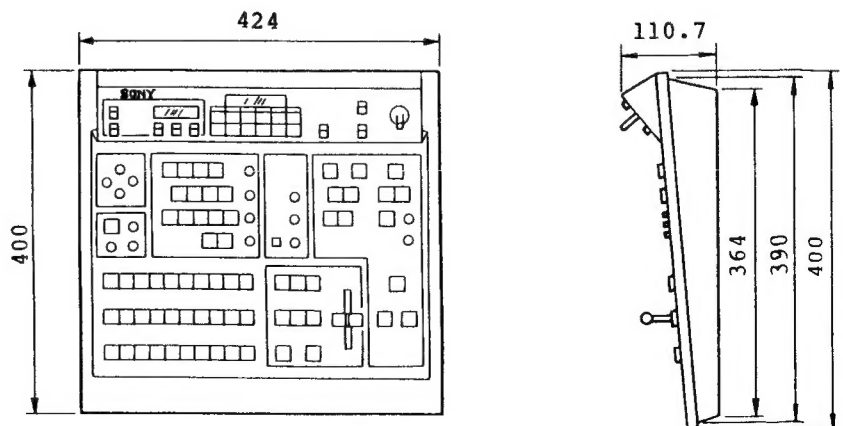
- . Carefully consider the air circulation of the place in which the unit will be placed to protect against temperature rises within the unit.
- . Since the ambient temperature range for the set during operations is 0°C to 40°C, never place the unit near a heat source.

1-2. EXTERNAL DIMENSIONS

. Process unit

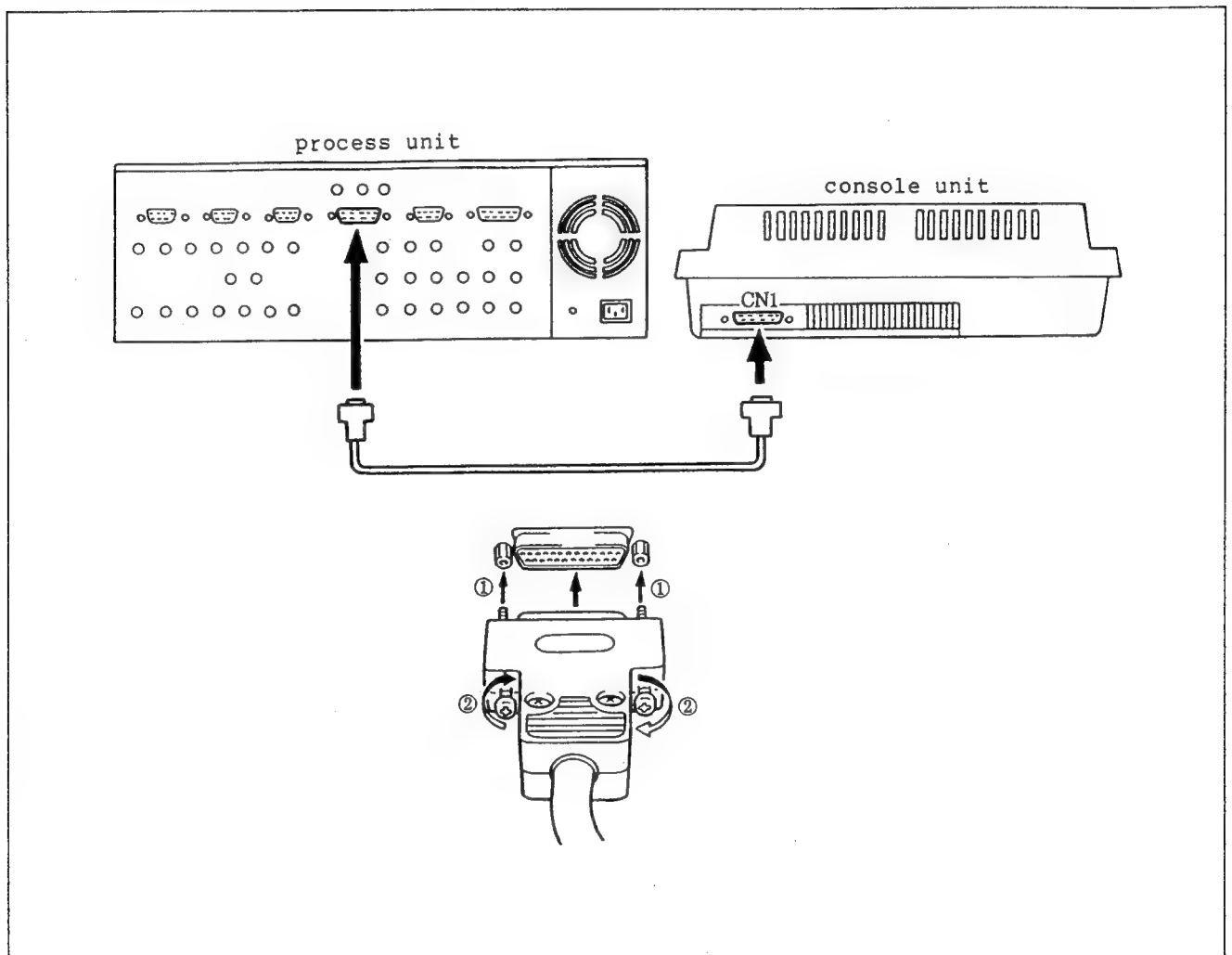


. Console unit



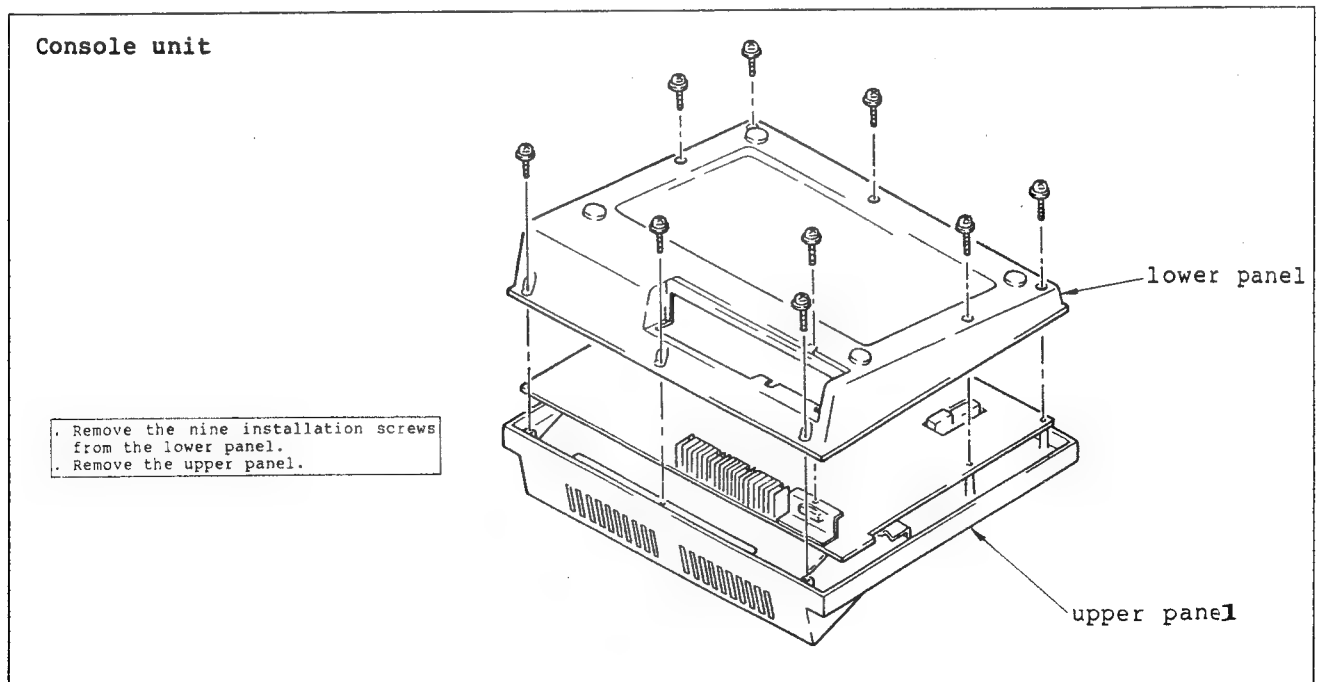
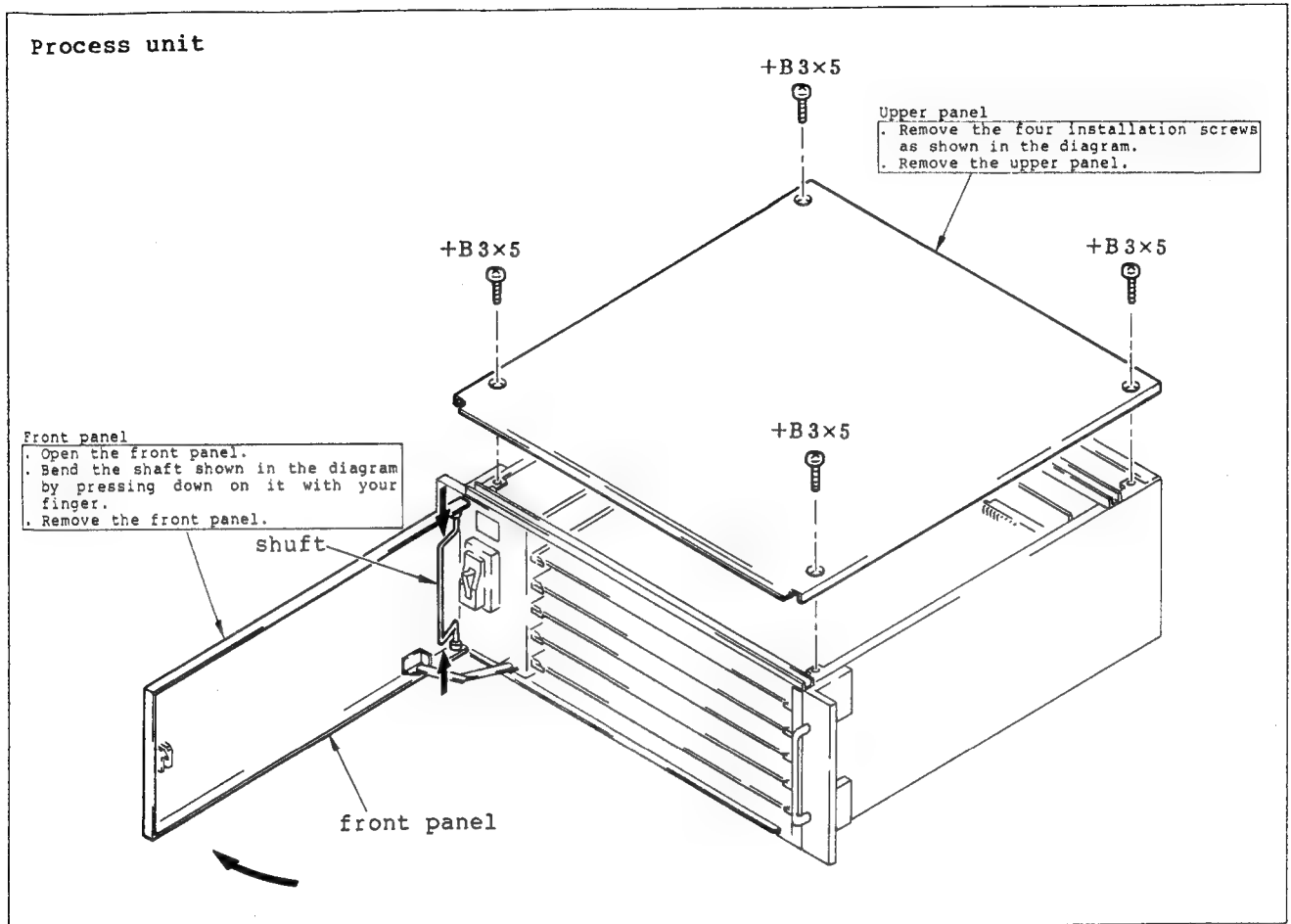
**1-8. CONNECTIONS BETWEEN THE PROCESSOR AND
THE CONSOLE**

- (1) Plug in the connector.
- (2) Tighten the screws and affix.



SECTION 2 SERVICE INFORMATION

2-1. REMOVING THE OUTER CABINET



2-2. BOARD LOCATION DIAGRAM**2-2-1. Process Unit**

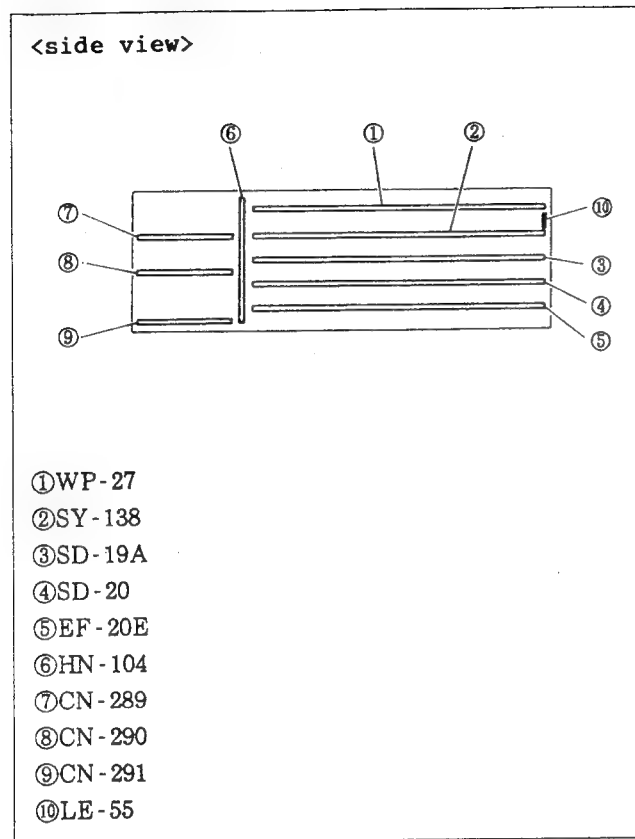
Board NO.	Description
CN-289	CONNECTOR
CN-290	CONNECTOR
CN-291	CONNECTOR
EF-20E	Y (COMPOSITE) SIGNAL PROCESSOR
EX-201	EXTENSION
HN-104	MOTHER
LE-55	LED
SD-19A	SIGNAL GENERATOR FOR SIGNAL PROCESS
SD-20	SYNC GENERATOR, CHROMA KEY, DOWN STREAM KEY SIGNAL GENERATOR
SY-138	SYSTEM CONTROL
WP-27	WIPE SIGNAL GENERATOR

2-2-2. Console Unit

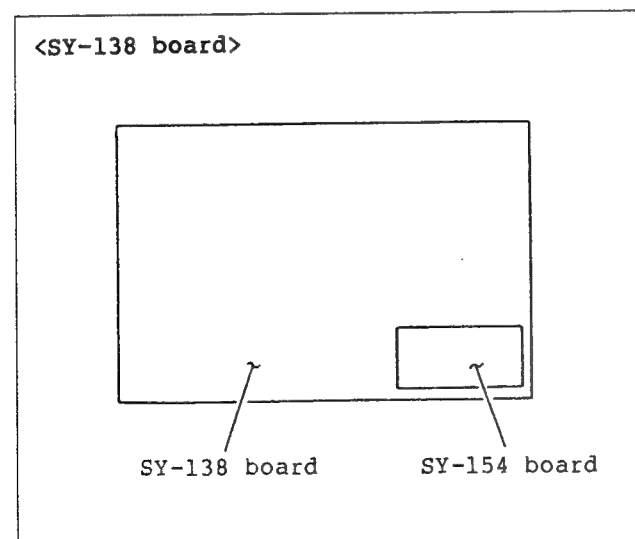
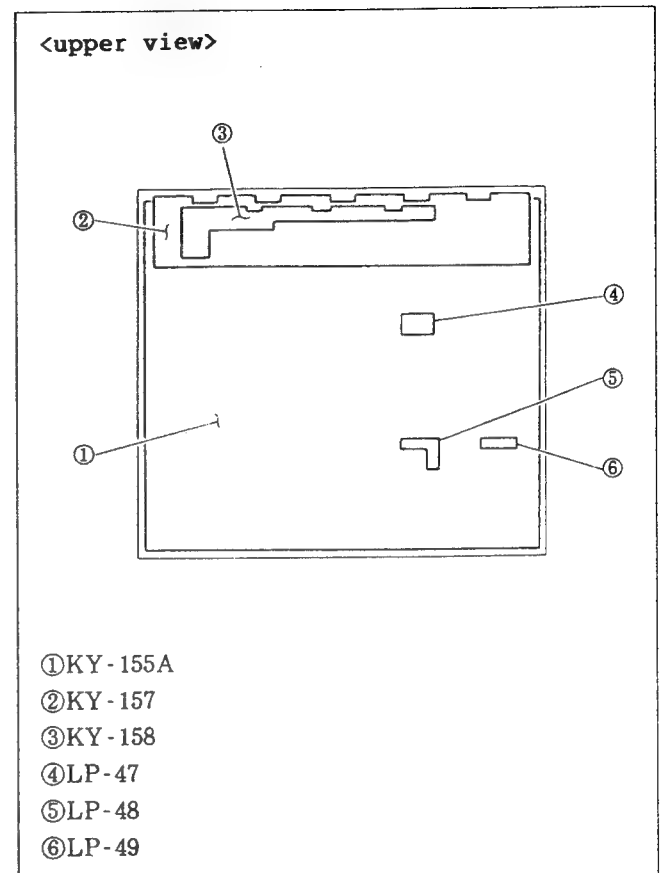
Board NO.	Description
KY-155A	SWITCH BOARD
KY-157	SUB SWITCH BOARD
KY-158	SUB SWITCH BOARD
LP-47	LED BOARD
LP-48	LED BOARD
LP-49	LED BOARD

2-3. CIRCUIT CONFIGURATION

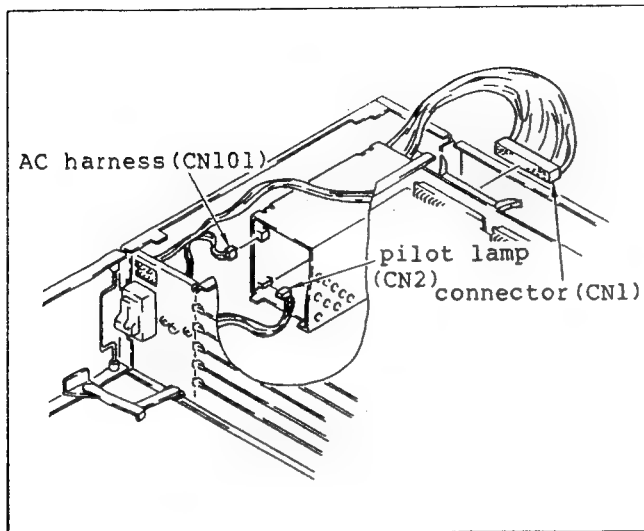
2-3-1. Process Unit



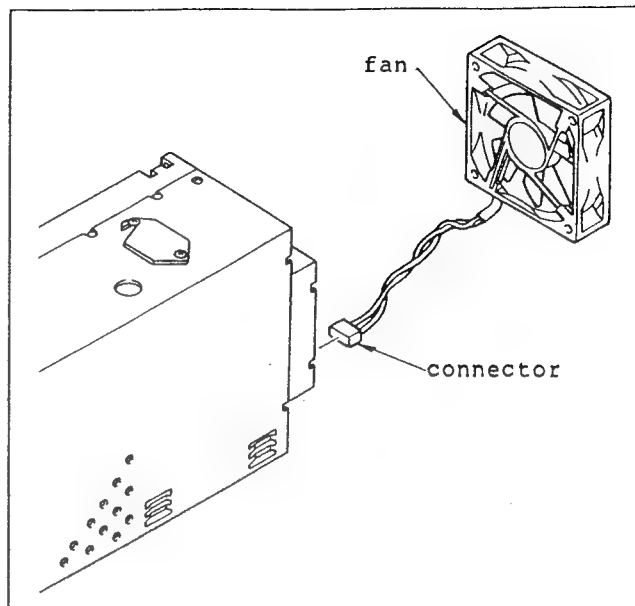
2-3-2. Console Unit



(4) Remove the AC harness (CN101), the pilot lamp (CN2) and the connector (CN1).



(6) Remove the connector and the fan.



(5) Remove the screws holding the power supply and then remove the power supply itself.

